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Application Serial Number: _10/537,695_
Source: _PG/10_
Date Processed by STIC: _6/16/05_

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RAW SEQUENCE LISTING   DATE: 06/16/2005
PATENT APPLICATION: US/10/537,695   TIME: 10:36:30

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 5        Turner, Leah
 6        Sun, Yongming
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444 gtgtctatag atctttaact ttaaagtctt atctcacttt ctttagtatt gcagaaaaac   2220
446 ttaagagttt ttctgtttgc ttttgtgtac caggtggtct agaggaataa ttaaacattt   2280
448 tagaactatt aacaggtaaa gtactgaaat gggtacaact taaggaaaac aagaatgttg   2340
450 tcttctaact ctgacattat accttgtttg tacccgccag cgggaacttc attgcaggcc   2400
452 gtgtgtcacc ctgaccacgt ctatctctgg gggtcgcacg ttgcgggcag agcgcaaggc   2460
454 atacaccaga aaacgctgtc ctgtggtatg gtctcttcca acttcatgta ccagcgtaaa   2520
456 gattaaagtg gaaaacttca gactttggct tcatttttaa tctttttgga gattaagtgt   2580
458 ctaaacttaa cttaaatggt ttttttacagg agttaaagta cataaatgcc tttttacagc   2640
460 ttaatcattt tggtcttctg tttagtgttg tatttcaatt gtggagcctc attttaagtg   2700
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 06/16/2005
PATENT APPLICATION: US/10/537,695   TIME: 10:36:31

Input Set : A:\pto.da.txt
Output Set: N:\CRF4\06162005\J537695.raw

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

```
Seq#:31;  N Pos.  47,150
Seq#:35;  N Pos.  4,72,85,117,119,127,129,132,139,140,159,160,169,176,177,186
Seq#:35;  N Pos.  188,205,227,230,241,286,326,328,329,330,333,334,345,348
Seq#:37;  N Pos.  841,842
Seq#:38;  N Pos.  28,70,88,100,118,119,120,127,143,149,193,268,332,340,352
Seq#:39;  N Pos.  33,64,107,306
Seq#:44;  N Pos.  640
Seq#:46;  N Pos.  159,201
Seq#:51;  N Pos.  7,160,161
Seq#:53;  N Pos.  13,307,557,559,560,566,573,584,587,653,661,662,663,664,666
Seq#:53;  N Pos.  667,670,673,676,688,703,976,991
Seq#:55;  N Pos.  3
Seq#:56;  N Pos.  2,39
Seq#:72;  N Pos.  738
Seq#:73;  N Pos.  738
Seq#:121; Xaa Pos.  2
Seq#:143; Xaa Pos.  17
Seq#:144; Xaa Pos.  16,50
Seq#:149; Xaa Pos.  3,4,7,8,11,17,18,21,23,27,33,40,41,45,60,73,74,75,76,80
Seq#:151; Xaa Pos.  64,238,239,240,244,247,252
Seq#:154; Xaa Pos.  9,23,29,33,39,40,42,64,89,110,113
Seq#:155; Xaa Pos.  18,22,41,54,55,61
Seq#:156; Xaa Pos.  11,21,36,108
Seq#:157; Xaa Pos.  1,11,26,30,32,42,46,47,49,51,52,71,72,92,96
Seq#:163; Xaa Pos.  44,45,49,50,53,60
Seq#:166; Xaa Pos.  6,35,37,41,49,62
Seq#:169; Xaa Pos.  53,67,95,97,100,101
Seq#:171; Xaa Pos.  35,48,49,51
Seq#:172; Xaa Pos.  35,48,49,51
Seq#:174; Xaa Pos.  64,77,81,84,86,92,93,94,95,96,97,99,101,102,103,104,106
Seq#:174; Xaa Pos.  128
Seq#:177; Xaa Pos.  1,52
Seq#:180; Xaa Pos.  75
Seq#:181; Xaa Pos.  4
Seq#:183; Xaa Pos.  1
Seq#:184; Xaa Pos.  1,4,5,8,10,11,15,17,19,20,21,23,54,56
Seq#:188; Xaa Pos.  1,2,3,12,18,20,21,32
Seq#:194; Xaa Pos.  51,65
Seq#:196; Xaa Pos.  313
Seq#:231; Xaa Pos.  6,7
Seq#:235; Xaa Pos.  105
Seq#:239; Xaa Pos.  74,81,87,104,112
Seq#:252; Xaa Pos.  6,8,10
```

VERIFICATION SUMMARY   DATE: 06/16/2005
PATENT APPLICATION: US/10/537,695   TIME: 10:36:31

Input Set : **A:\pto.da.txt**
Output Set: **N:\CRF4\06162005\J537695.raw**

L:13 M:270 C: Current Application Number differs, Replaced Current Application No
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:2118 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0
M:341 Repeated in SeqNo=31
L:2418 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:0
M:341 Repeated in SeqNo=35
L:2540 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:840
L:2627 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:0
M:341 Repeated in SeqNo=38
L:2678 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:0
M:341 Repeated in SeqNo=39
L:2851 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:600
L:2891 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:120
M:341 Repeated in SeqNo=46
L:3062 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:0
M:341 Repeated in SeqNo=51
L:3234 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53 after pos.:0
M:341 Repeated in SeqNo=53
L:3302 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:0
L:3345 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56 after pos.:0
L:4119 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:720
L:4352 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73 after pos.:720
L:8031 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:121 after pos.:0
L:9439 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:143 after pos.:16
L:9470 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:144 after pos.:0
M:341 Repeated in SeqNo=144
L:9859 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:149 after pos.:0
M:341 Repeated in SeqNo=149
L:10047 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:151 after pos.:48
M:341 Repeated in SeqNo=151
L:10224 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:154 after pos.:0
M:341 Repeated in SeqNo=154
L:10297 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:155 after pos.:16
M:341 Repeated in SeqNo=155
L:10348 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:156 after pos.:0
M:341 Repeated in SeqNo=156
L:10463 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:157 after pos.:0
M:341 Repeated in SeqNo=157
L:10729 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:163 after pos.:32
M:341 Repeated in SeqNo=163
L:10878 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:166 after pos.:0
M:341 Repeated in SeqNo=166
L:11033 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:169 after pos.:48
M:341 Repeated in SeqNo=169
L:11133 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:171 after pos.:32
M:341 Repeated in SeqNo=171
L:11182 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:172 after pos.:32
M:341 Repeated in SeqNo=172

VERIFICATION SUMMARY   DATE: 06/16/2005
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Input Set : **A:\pto.da.txt**
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L:11320 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:174 after pos.:48
M:341 Repeated in SeqNo=174
L:11405 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:177 after pos.:0
M:341 Repeated in SeqNo=177